

# THE TECH

VOL. XXXIII. NO. 55.

BOSTON, MASS., TUESDAY, OCTOBER 21, 1913.

PRICE TWO CENTS

## R. S. WESTON SUCCEEDS DA. EARLE B. PHELPS

Latter Goes to Washington—New  
Profesor a Tech  
Alumnus.

Dr. E. B. Phelps, who has resigned his Associate Professorship in the Biological Department, is to go to Washington in the employ of the U. S. Public Health Service in the continuation of lines of work which he has carried to such successful ends in his private capacity as a sanitary engineer. He it is who is largely responsible for the use in the country of hypochlorites for the purification of water supplies and the treatment of sewage. As a sewage expert he has few if any equals in the country and was called to New York for a survey of the situation there. The whole adjacent country of New York state and New Jersey were about to use New York harbor for a dumping ground for their sewage. His report incorporated in that of Col. William Black, U. S. A., presents a practical means of lessening the difficulties and eliminating the dangers to the public health. His latest achievement, that of furnishing co-operative health administration to adjacent rural communities has attracted much attention and seems to be one of the most important steps in advance in such matters of the times.

Robert Spurr Weston, who will take Dr. Phelps' place is like Dr. Phelps a Tech product, having some time before acquired from Amherst the degrees B. Sc., and A. M. After leaving Tech he attended the University of Berlin. He has held important positions with various corporations, the last of them, the George A. Fuller Co. Since 1899 he has been his own master and has made an excellent reputation as consulting sanitary engineer. He will be with the students in that he is an adept at outdoor sports, and he has a reputation as an exponent of the principles of hygiene.

## SOPHOMORE GAME OFF

Weather Unfavorable Yesterday—  
Somerville Game Rumored

The 1916-Mechanic Arts football game which was scheduled for yesterday afternoon had to be called off on account of the weather. The loss of this game, with Field Day so near, can not but be felt by the Sophomores, as an afternoon of stiff playing would be vastly more valuable than the customary and somewhat monotonous practice.

It is thought that a game with Somerville High could it be arranged, would be of much interest on account of the previous 1917-Somerville game in which Somerville won, 13-0, as furnishing some real comparison of the relative strengths of 1916 and 1917 on the gridiron.

Many prominent athletes from other colleges are enrolled at the Institute this year, but as yet few of them have appeared at the track.

Two weeks and a half to Field Day.

## 1914 CLASS BALLOTS DUE 4 P. M. TODAY

Committee Expects Close Votes—  
Voters Must Pay Class  
Dues By Today.

The ballots for the Senior Class election are due at the Cage today at 4 P. M., and none which come in after this time will be considered. A large number of men have been nominated for the different offices and the Election Committee expects that there will be keen competition in the voting. Only those who have paid their class dues are eligible to vote, but the dues may be handed in with the ballots.

## CHESS CLUB MEETING

Executive Committee Will Meet Friday—Team To Be Chosen.

An executive meeting of the Chess Club will be held Friday afternoon at 4 o'clock in the Union. All members of the executive committee are requested to be present at this meeting as the team which is to play Harvard next Saturday will be selected.

All men who desire to join the club may leave their names and dues at the Cage in the Union for D. E. Woodbridge. The dues are 25 cents. All members who are going to enter the Chess Tournament, which will begin in the near future, may leave their names and the entrance fee of 15 cents at the Cage.

## COMMUNICATION

To the Editors of THE TECH:

This communication is to explain the position of the Sophomore Election Committee with regard to the nominations for the Sophomore Class Officers.

Our Election Committee accepted all nominations turned in to them before the poll closing hour of 5 P. M., Thursday. We have accepted none since. Our policy has been to follow the Constitution strictly, and, in justice to all nominees, exclude late nominations. In following this policy, we refused to break the Constitution in order to grant personal favors. The present controversy between certain members of Governing Board and the Election Committee is, we believe, one of Favoritism vs. Non-partisanship.

The Election Committee includes Olen C. Norris, chairman; Henry B. Shepard, and Raymond P. Low. The Governing Board is composed of the following: Carl T. Guething, H. L. Bickford, Walter V. Reed, Wm. M. Shakespeare, George P. Allen, Theodore C. Jewett, Paul H. Buxton, Albert C. Lieber. The circumstances of the case are, I believe, as follows:

(1) Shortly before 5 P. M. last Thursday, Eugene Lucas, Jr., asked Henry Shepard and myself over the Cage telephone to place as a personal favor the names of G. Roper, Jr., and S. R. Berkowitz, for whom he claimed to have papers, on the ballot for the Institute Committee. Shepard and I said that we had no authority to grant his favor until Raymond Low

(Continued on page 4.)

## MR. J. K. TRYON TO SPEAK NEXT THURSDAY NOON

Subject of Third T. C. A. Talk to  
Be "Mr. Bryan's Plan for  
World Peace."

The Technology Christian Association promises an interesting talk next Thursday noon. That this promise is very likely to be fulfilled is shown by the fact that the speaker is a member of the Massachusetts Peace Society, and is an active worker in the World Peace Foundation. Mr. J. K. Tryon will be the third T. C. A. speaker of the year, and the subject of his talk will be "Mr. Bryan's Plan for World Peace."

Last year, M. Edward Privat, also of the World Peace Foundation, gave a very interesting talk on peace, and he held the attention of the large crowd gathered in the Union as he told of what the students throughout the world, particularly in Europe, are doing towards the advancement of Peace. Since the topic of Mr. Tryon's talk is of such a universal nature, and is attracting so much attention at present, next Thursday's talk will undoubtedly draw as large a crowd as last year's talk by Mr. Privat.

## WATER EVERYWHERE

Rain of Past Weeks Has Brought  
Athletics To Standstill.

The continued ill weather that has been so aggravating to us all during the past few weeks has been especially unfortunate for Athletics. The wet condition of the fields has been a great hindrance to football practice, while mud puddles have been adorning the cinder paths almost continuously. Yesterday on account of the downpour, both the Sophomore Football Game and the Freshman Relay Trials had to be called off. Still worse, the Weather Man promises us no very speedy relief.

## TENNIS COURTS READY

The inclemency of the weather of late has put many difficulties in the way of the completion of the tennis tournament. Major Briggs has announced, however, that the courts at the Field are now in good shape, and that the tournament may proceed at once. The season is growing late, and it is hoped that the men who are entered will make especial efforts to play their matches at once.

## MANDOLIN CLUB REHEARSAL

The second rehearsal of the Mandolin Club was held in the Union yesterday at 5 o'clock, and the two selections that are to be played in the first concert were rehearsal. Arrangements are under way to have the Technology Musical Clubs give a concert in combination with the musical clubs of some other college, either Tufts or Maine.

Both tug-of-war squads have been materially decreased of late, largely due to the weather.

## MECHANICAL ENGINEERS SMOKER HELD FRIDAY

Date Changed From Wednesday To  
Friday Evening—T. K. Cory  
Will Speak.

The Mechanical Engineering Society will hold its first smoker of the year on Friday, Oct. 24th, instead of Wednesday, Oct. 22d, as previously announced. It will be called to order at 8 o'clock in the Union.

This smoker will be very informal and the program which has been arranged is expected to be very enjoyable as well as instructive. T. K. Cory, vice-president of the Filene's Sons' Company, will be the principal speaker of the evening, and some of the members of the Mechanical Engineering Faculty will be on hand to say a few words.

The program includes music by some of the best talent in the Institute. Refreshments will be served and smokes will be plentiful. All Sophomores, Juniors and Seniors of Courses II and X are invited. Further details of program will be published later. A good crowd is expected.

## INSTITUTE COMMITTEE

Will Hold An Important Meeting  
Today At 5.00 in 8 C.

This afternoon at 5 there will be a special meeting of the Institute Committee in room 8 Eng. C. At this meeting the Sophomore ballot difficulty will be taken up and straightened out. Representatives of the 1916 Governing Board and Ballot Committee are requested to be present to give their views of the situation.

At this meeting the plans for "Tech Night" and the disposal of the remaining copies of the first issue of "Concerning M. I. T." will also be taken up.

The attendance at the meetings in the past has not been large, but a full attendance is desired today for the subjects to be taken up are of the utmost importance.

## 1917 RELAY TRIALS

On account of the unfavorable weather, the Freshman Relay trials, which should have been held yesterday, were postponed to this afternoon.

## CALENDAR

Tuesday, Oct. 21, 1913.

4.00—1914 Ballots Due—Cage.  
4.00—1917 Relay Team—Field.  
4.00—1917 Football Team—Field.  
4.00—1917 Tug-of-War—Oval.  
4.00—1916 Relay Team—Field.  
4.00—1916 Football Team—Oval.  
4.00—1916 Tug-of-War—Oval.  
5.00—Candidates for Business Manager—Tech Show Office.

Wednesday, Oct. 22, 1913.

4.00—1915 Ballots Due—Cage.

Thursday, Oct. 23, 1913.

1.00—Rifle Club—27 R.  
1.30—T. C. A. Speaker—Union.  
8.00—Lowell Lecture—Huntington Hall.

# THE TECH

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TUESDAY, OCTOBER 21, 1913.

The Circulation Department of THE TECH is issuing a call for candidates. The work in this department is not difficult, and the chances for advancement into the Business Department are good for the candidate who shows continued interest. Twelve men are needed. They will be expected to work one hour a week, the work consisting of such items as getting out the paper in the morning, keeping the paper in touch with the Alumni, pushing circulation, etc. To men who find difficulty in writing, this should make an especially strong appeal, since the business side of the paper offers opportunities for advancement which are in no sense inferior to those of the better known news department.

Candidates are requested to meet in the upper office of THE TECH, second floor of the Union, at 4.30 tomorrow.

In our endeavor to be entirely impartial in last Saturday's editorial on the Sophomore situation, it seems we did not put the case of the balloting committee quite strongly enough. We therefore print in this issue a communication from them. We take no responsibility for their statements, but simply give them this opportunity to put their case before the Institute. If their opponents are dissatisfied, they are invited to put forward their case in the same way.

We are glad to see some Course XIII men take their pens in defense of their Course. We should, of course, have restricted our yesterday's statement to those members or whom we could prove our charge. We are sorry not to see the second part of the accusation protested, but hope some other members of the Course will remedy the deficiency.

The first actual cash has been turned in for Harvard's new \$2,000,000 gymnasium, being \$25,000 raised by the undergraduates.

#### HANDBOOKS AT UNION

Books of Scientific Interest To Be Distributed Gratis.

Through the kindness of Mr. Wells, assistant registrar, there will be placed at the Cage some tie today about two hundred copies of the "Handbook of the Principal Scientific Institutions of Boston and Vicinity." These books were printed by a congress of the "American Society for the Advancement of Science" which was held in this city seven years ago. The book covers the subject fairly exhaustively, treating such topics as the Metropolitan Park System, the Boston sewerage system, the geographical features of Boston and vicinity, etc. In view of the facts that the number of these books is so small and that they have not been printed wholly without expense, it is hoped that nobody will take one of them unless he is desirous of obtaining it. Copies will be distributed free so long as the supply lasts.

#### COMMUNICATION

To the Editors of THE TECH:

Dear sir—We are supposed to learn in our experimental work here not to accept results which our data do not justify. A recent editorial in THE TECH is characterized by a sad lack of appreciation of this fact. The editorial criticized the lack of class spirit shown by a certain Course in the matter of payment of dues. This criticism was due to the remarks of a person who is qualified to speak of only a few of the members of the Course. He thinks that because none of those expected to pay dues to his class have paid up (to his knowledge) the same applies to all the rest. THE TECH, greedy for news, regardless of accuracy, accepted his statements at their face value without stopping to test them, even though it protests vigorously against the narrowmindedness of the Tech man.

No effort has been made to collect dues from the men of this Course. The treasurers should have no trouble in finding its members all collected at readily ascertained hours in the main room devoted to their work, yet they have been conspicuously absent from that room. One, indeed, sent a deputy to collect the dues from one class and when the deputy was not received, pleaded lack of time as his excuse for not appearing in person. A very good excuse for failure to perform one's duty to one's class, especially when that duty merely involved seeing a dozen men all within a radius of fifty feet. The Course is highly honored by its comparison to the Sophomore Class. THE TECH has shown by its remarks about the Sophomores a remarkable ability to jump at conclusions, and the editorial above mentioned merely serves to further illustrate that ability. Field Day is an interclass affair, the affairs of a Course are not intercourse affairs. Our Course is able to manage its own affairs without outside help or advertising, and we intend to continue to do so.

We hope that before THE TECH's informant makes remarks about other matters which concern him but slightly, that he will see that his knowledge is not inversely as his interest.

Yours truly,

H. T. B.,  
A. L. T.,  
Course XIII.

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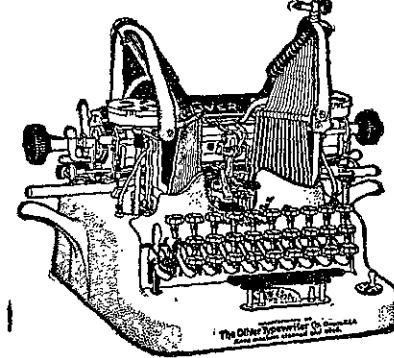
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### ANNOUNCEMENT

TECH MEN: I wish to inform you that I am no longer at the Westminster Hotel Barber Shop, but now with the Copley Sq. Hotel Barber Shop, corner of Huntington Ave. and Exeter St., where I shall be pleased to meet my many Tech friends and their acquaintances and will be in a position to give them a first-class service in an up-to-date shop.

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### CHANGES ANNOUNCED AMONG INSTRUCTORS

Executive Committee Accepts One Resignation—Several Appointments.

President Maclaurin has announced officially that the Executive Committee has taken action on the following changes in the Institute's instructing force.

RESIGNATIONS—Dr. Earle B. Phelps, S. B., Associate Professor of Research in Chemical Biology, and David A. Gregg, instructor in Pen and Ink Drawing.

APPOINTMENTS—Robert Spurr Weston, B. Sc., A. M., M. I. T. '95, to be Assistant Professor of Public Health Engineering, replacing Professor Phelps.

Carl N. Anderson, assistant in Mining and Engineering and Metallurgy.

James G. Russell, assistant in Mechanical Engineering.

W. L. Whitehead, assistant in Geology.

Ralph G. Overland, Instructor in Mechanical Drawing, replacing Mr. Gideon, resigned.

John B. Bird, assistant in Drawing and Descriptive Geometry, replacing Mr. Duncan.

G. T. Rooney, assistant in Physical Training.

In the department of Architecture three teachers have been added besides M. Le Monnier:

Edgar I. Williams, assistant Professor of Architecture, and W. T. Aldrich and Charles Everett, instructors in Architecture.

The Institute as usual makes use of its best product, Mr. Weston being an alumnus of twenty years' standing, Messrs. Russell and Whitehead of the class graduated in June, while the three architectural men are of '08, '01 and '07, Mr. Williams gaining his M. S. in '09.

### TECH SHOW ORCHESTRA

Musical Rehearsal Held This Afternoon at 5 in the Union.

This afternoon at five all men who are coming out for the Tech Show Orchestra will meet in the Union for rehearsal. Candidates are expected to bring their instruments as music will be played over.

All new men who play musical instruments of any kind will be welcomed at this meeting for there is plenty of room for new material.

Stage Manager Hughes will be present to direct the rehearsals and he requests every one to be there promptly at 5 o'clock.

### EPISCOPALIANS MEET

The members of the Brotherhood of St. Andrew will hold meeting this evening at Trinity House, 93 St. James Avenue. The meeting will be called promptly at 7.15.

All members are earnestly requested to be present as the matter of new membership will be discussed. Mr. Fredrick Kneelan will be in charge.

### FACULTY NOTICE

Physical Lab. Note-Books  
Students desiring to obtain their physical laboratory note-books are requested to call for them in Room 16, Walker.

All books remaining after November first will be confiscated.

H. M. Goodwin.

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**COMMUNICATION**

(Continued from page 1.)  
came and gave his opinion. Soon after the polls closed Low came and the Committee decided to follow the Constitution strictly and show no favoritism. Shepard informed Lucas of our determination as soon as Lucas could be reached.

(2) Since all of the class officers had received at least three nominations except that of Treasurer, Roper and Berkowitz were officially nominated by the Committee as candidates for that position. A list of the official nominations were then given to Harold Gray, Night Editor of THE TECH, and the dummy ballot was taken to the printer. About 7 P. M. Carl Guething and Theodore Jewett called on me. They demanded that the names of Roper and Berkowitz be put on the ballot as candidates for Institute Committee. They felt that Shepard and I had granted Lucas' favor and had then broken our agreement but in view of the decision made by the committee, I refused to grant their demand. Guething and I went to interview Shepard and Low. Jewett went to THE TECH office to "hold up" Friday's copy containing Night Editor Gray's account and list of the nominations. Jewett was Asst. Athletic Editor, Gray was Night Editor-in-charge.

(3) Guething censured Shepard, Low and me for the "plain discharge of our duty." We, however, refused to change our decision. After the discussion he requested us to appear before the Board. We agreed to do so provided an impartial outsider should be allowed to preside over the meeting. Guething would not consent to this. He boasted that the Board would put the names on the ballot as he wanted, and in proof he named a majority of the Board who would do as he said. We refused to be "grilled" at a one-sided hearing. I asked Guething: "Then the question the Governing Board is going to decide is not whether we are right or wrong but whether the names are going to be put on the ballot, is it not?" Guething answered in the affirmative.

(4) About 9.30 P. M. Guething told Jewett that the names of the nominees would not be printed until after the Board meetings on Friday. Jewett, Asst. Athletic Editor, would not allow Night Editor Gray's account—Institute news—to go to press. The Election Committee, later in the evening, drew up an official report of the nominations to be printed in Friday's issue of THE TECH. This was a signed communication. Jewett said he was the superior of Gray, the Night Editor, and that the report "was not going in THE TECH."

(5) To announce the report of the committee, since the medium of THE TECH had been denied, the Committee made and signed nomination bulletins. These posters were placed on the bulletin boards in Rogers and the Union, but shortly before 1.00 P. M. Friday Guething removed these.

(6) The Governing Board having only the nomination papers of George Roper, Jr., S. R. Berkowitz and P. H. Duff, then made up a list.

The following notice was sent by the Board to Low, to Shepard and to me:

To whom it may concern:

Resolved that the present ballot committee be dissolved, that the Board of Directors assume entire charge of the pending election, and that due notice of this action be prepared by the Secretary, signed by the Chairman and delivered to the members of the present ballot committee.

(Signed) C. T. Guething,

Chairman.

The name of P. H. Duff which THE TECH printed on the list of the committee's report was a mistake of THE TECH. Nomination papers for Duff have not been received by the Committee, so he is not officially nominated.

(Signed) Olen C. Norris,  
Chairman Election Com.

**SCIENTIFIC AND  
ENGINEERING NOTES**

Two systems for the prevention of vessels from rolling in a heavy sea have recently been tested in the United States Navy with the result that the use of a heavy revolving fly wheel or gyroscope is pronounced the better. The other system—the use of twin connecting reservoirs in which a movement of liquid is maintained contrary to the roll of the vessel is less effective and takes up about ten times as much space. To quote from Elmer Sperry in the Literary Digest:—

"The anti-rolling reservoirs are effective only when the ship's period of oscillation is quite regular, which is not the case in an open sea, because the period of rolling of a ship is dependent both on that of the waves and on the ship's speed. On the other hand, the gyroscopic stabilizer is effective in all cases; it also has the advantage of acting not when the oscillation has already begun, but before the ship has commenced to roll; it does not lessen the rolling, it prevents it. The power necessary to maintain the motion of the gyroscope is very small."

To give an idea of the relative merits of the two systems it has been calculated that to stabilize a vessel of 5,000 tons, selected for the purpose of experiment and normally rolling about 35 degrees, two reservoirs would be needed, weighing 900 tons; while with the gyroscopic system the total weight would be about 51 tons, and the space required only about one tenth of that occupied by the reservoirs.

It may astonish you to find out how kindly each member of the Faculty feels toward you. Each member is a friend and an older brother. You will have every consideration as men; you will be treated with justice always, patience generally, and malice never. You must reciprocate and be kindly and considerate, just in your judgments always, vindictive and revengeful never. Sometimes you will not view things as your instructor does. In such cases you must be open-minded enough to feel that when your judgment conflicts with that of your instructor, the chances are that the older man is right and that the younger man is wrong. This is not always so. Age does not make man infallible. When you feel certain you are right, discuss your case good-temperedly and fairly with your instructor, showing him the respect that is paid a judge in a court of law. You always have the right of appeal to the Dean of the College.—Shenon.

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